Qihang Zhang

[Homepage] [Github] [Blog] [Linkedin] [Email]

Education

University of British Columbia — Vancouver, Canada
Ph.D. in Electrical and Computer Engineering — *September 2023 - Present*
- Supervisors: *Prof. Renjie Liao* and *Prof. Lele Wang*

Tsinghua University — Beijing, China
Bachelor of Engineering in Control (Department of Automation) — *August 2019 - June 2023*
- Capstone Supervisor: *Prof. Gao Huang*

Research Experience

University of British Columbia — Vancouver, Canada
Graduate Research Assistant advised by Renjie Liao and Lele Wang — *September 2023 - Present*
- Mainly Focus on LLMs

University of Illinois Urbana-Champaign — Remote
Undergraduate Research Assistant advised by Shenlong Wang — *May 2022 - Dec 2022*
- Explainable End-to-End Self-Driving Model Using a Mixture of Experts — *May 2022 – Dec 2022*

Tsinghua University — Beijing, China
Undergraduate Research Assistant advised by Gao Huang — *June 2021 - June 2023*
- Sparse Reward Offline Reinforcement Learning for Medical Ultrasound Robotic Arms — *September 2022 – June 2023*
- Hundreds guide millions: Adaptive offline reinforcement learning with expert guidance — *Dec 2021 - May 2022*
- Rank 8 in PCIC 2021: Causal Inference and Recommendation — *June 2021 – August 2021*

Publications And Submissions

* below indicates equal contribution.

Qihang Zhang, Muchen Li, Ziao Wang, Renjie Liao, and Lele Wang
Neural OOD Text Compression via Test-Time Steering with Weighted Product of Experts
Empirical Methods in Natural Language Processing(**EMNLP**),2025

Qisen Yang*, Shenzhi Wang*, **Qihang Zhang***, Gao Huang, and Shiji Song
Hundreds guide millions: Adaptive offline reinforcement learning with expert guidance
IEEE Transactions on Neural Networks and Learning Systems (**TNNLS**), 2023

Honors And Awards

UBC Graduate Support Initiative Award (CAD $3400 in total)	*2024*
Excellence in Social Work Award, Excellence in Innovation and Technology Award, Excellence in Arts and Culture Award (Awarded by Department of Automation in Tsinghua University, RMB ¥10000 in total)	*2020-2023*
HAGE Resilience and Academic Excellence Scholarship (USD $1000)	*2020*
Tsinghua Friends - Hefeng Zhengze Scholarship (RMB ¥8000)	*2020*

Teaching

UBC CPEN455: Deep Learning [*page*], TA	*2025/25 Winter Term 1*
UBC CPEN455: Deep Learning [*page*], TA	*2024/25 Winter Term 2*
UBC CPEN455: Deep Learning [*page*], TA	*2023/24 Winter Term 2*